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118692

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: JANE ZARA Examiner #: 77512 Date: 4-5-04
Art Unit: 1635 Phone Number 302982 Serial Number: 090729 091472, 067
Mail Box and Bldg/Room Location: 2C03 Results Format Preferred (circle): PAPER DISK E-MAIL
2C18

If more than one search is submitted, please prioritize searches in order of need. MEI

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Nucleic acid addends.

Inventors (please provide full names): Hu et al

Earliest Priority Filing Date: 3-24-98

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please Search Seq ID Nos: 1-4

Sequence CONTAINING AT LEAST

Tandem
1 repeat of the Seq Sequence

1-10 (1+1) or ITS comple-
2-10 ~ ment
3-10 (2+2) (1+1 complement)
4-10 ~ (2+2 complement)
5-10 (3+3) (3+3 complement)
6-10 (4+4) (4+4 complement)

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>[Signature]</u>	NA Sequence (#) <u>✓</u>	STN
Searcher Phone #: <u>22504</u>	AA Sequence (#)	Dialog
Searcher Location:	Structure (#)	Questel/Orbit
Date Searcher Picked Up: <u>4/5</u>	Bibliographic	Dr.Link
Date Completed: <u>4/9</u>	Litigation	Lexis/Nexis
Searcher Prep & Review Time:	Fulltext	Sequence Systems <u>✓</u>
Clerical Prep Time: <u>15</u>	Patent Family	WWW/Internet
Online Time: <u>45</u>	Other	Other (specify)

Compugen Ltd. (IL)
FEATURES Location/Qualifiers
Source 1..467
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Best Local Similarity 100.0%; Pred. No. 21;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 ATCGCATGATATCGCATGAT 20
Db 420 ATCGCATGATATCGCATGAT 401
RESULT 2
AX364976/c AX364976 468 bp DNA linear PAT 15-FEB-2002
LOCUS Sequence 127 from Patent WO0206315.
DEFINITION AX364976
ACCESSION AX364976
VERSION AX364976.1 GI:18696866
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
REFERENCE 1
AUTHORS Mintz, L., Freilich, S. and Bernstein, J.
TITLE Novel nucleic acid and amino acid sequences
JOURNAL Patent: WO 0206315-A 127 24-JAN-2002;
Compugen Ltd. (IL)
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/mol_type="unassigned DNA"
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Query Match 100.0%; Score 20; DB 6; Length 468;
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 ATCGCATGATATCGCATGAT 20
Db 421 ATCGCATGATATCGCATGAT 402
RESULT 3
S82024 696 bp mRNA linear PRI 03-AUG-1996
LOCUS SCG10-neuron-specific growth-associated protein/stathmin homolog
DEFINITION (human, embryo, mRNA, 696 nt).
ACCESSION S82024
VERSION S82024
KEYWORDS S82024.1 GI:1478502
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
REFERENCE 1 (bases 1 to 696)
AUTHORS Okazaki, T., Wang, H., Masliah, E., Cao, M., Johnson, S.A., Sundsmo, M.,
Saitoh, T. and Morii, N.
TITLE SCG10, a neuron-specific growth-associated protein in Alzheimer's
disease.
JOURNAL Neurobiol. Aging 16 (6), 883-894 (1995)
MEDLINE 96192979
PubMed 8622778
REMARK GenBank staff at the National Library of Medicine created this
entry [NCBI gisbseq 177683] from the original journal article.
This sequence comes from Fig. 1.
FEATURES Location/Qualifiers

Source 1..696
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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/gene="SCG10"
CDS 29..568
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RESULT 4
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LOCUS Uncultured rumen bacterium 16S ribosomal RNA gene, partial
DEFINITION sequence.
ACCESSION AY006733
VERSION AY006733
KEYWORDS AY006733.1 GI:10189345
SOURCE uncultured rumen bacterium
ORGANISM Bacteria; environmental samples.
REFERENCE 1 (bases 1 to 376)
AUTHORS Tamais, D., Dyer, D., Ralph, D., Hartman, K., Phillips, W., Coleman, S.
and Iandolo, J.
TITLE Assessing diversity in bovine rumen microflora in response to
feeding using 16S ribosomal RNA sequencing
JOURNAL Unpublished
AUTHORS 2 (bases 1 to 376)
REFERENCE Tamais, D., Dyer, D., Ralph, D., Hartman, K., Phillips, W., Coleman, S.
and Iandolo, J.
TITLE Direct Substition
JOURNAL Submitted (07-AUG-2000) Microbiology and Immunology, Oklahoma
University Health Sciences Center, EMSB 1053, PO Box 26301,
Oklahoma City, OK 73190, USA
FEATURES Location/Qualifiers
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/mol_type="genomic DNA"
/specific_host="Bos taurus"
/db_xref="taxon:136703"
/note="from winter wheat forage-fed steer #169"
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/product="16S ribosomal RNA"
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Best Local Similarity 90.0%; Pred. No. 9.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1 ATCGCATGATATCGCATGAT 20
Db 187 AGGCACGATATCGCATGAT 168

CompuGen Ltd. (IL)
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 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

ORIGIN
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 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATCATGCGATATCATGCGAT 20
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Db 401 ATCATGCGATATCATGCGAT 420

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 LOCUS
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 VERSION AX364976.1 GI:18696866
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 ORGANISM Homo sapiens
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Db 402 ATCATGCGATATCATGCGAT 421

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 S82024 696 bp mRNA linear PRI 03-AUG-1996
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 DEFINITION SCG10=neuron-specific growth-associated protein/stathmin homolog
 [human, embryo, mRNA, 696 nt].
 ACCESSION S82024
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 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
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gene 1..696
 /gene="SCG10"

CDS 29..568
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ORIGIN
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 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATCATGCGATATCATGCGAT 20
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Db 630 ATCATGCGATATCATGCGAT 649

RESULT 4
 AY006733 376 bp DNA linear BCT 19-SEP-2000
 LOCUS
 DEFINITION Uncultured rumen bacterium 16S ribosomal RNA gene, partial
 sequence.
 ACCESSION AY006733
 VERSION AY006733.1 GI:10189345
 KEYWORDS
 SOURCE uncultured rumen bacterium
 ORGANISM uncultured rumen bacterium
 Bacteria; environmental samples.

REFERENCE
 1 Tamalis, D., Dyer, D., Ralph, D., Hartman, K., Phillips, W., Coleman, S.
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 Assessing diversity in bovine rumen microflora in response to
 feeding using 16S ribosomal RNA sequencing
 JOURNAL Unpublished
 REFERENCE 2 (bases 1 to 376)
 AUTHORS Tamalis, D., Dyer, D., Ralph, D., Hartman, K., Phillips, W., Coleman, S.
 and Iandolo, J.
 Direct Submission
 Submitted (07-AUG-2000) Microbiology and Immunology, Oklahoma
 University Health Sciences Center, BMSB 1053, PO Box 26901,
 Oklahoma City, OK 73190, USA
 Location/Qualifiers

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 source 1..376
 /organism="uncultured rumen bacterium"
 /mol_type="genomic DNA"
 /specific_host="Bos taurus"
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Db 168 ATCATGCGATATCATGCGAT 187